



Otay II Pipeline Improvements Project

Cast Iron Replacement Phase

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together
to engineer
a better
tomorrow."***

- Bikeways
- Fire stations
- Libraries
- Parks
- Police stations
- Sewer facilities
- Street Improvements
- Street lights
- Traffic signals
- Underground utilities
- Water facilities



Background

Originally installed in 1930, the Otay II Pipeline is one of the City's oldest water transmission pipelines. This 19 mile pipeline conveys water north and south between the Alvarado and Otay service areas. A condition assessment and capacity study report prepared in 2000 indicated that some of the sections of the pipeline were in good condition, some needed to be replaced, and some required additional corrosion protection. The study broke the project into eight phases; the Cast Iron Replacement Phase is the third phase of the overall Otay II Pipeline Replacement Project.

Project Overview

The Otay II Pipeline-Cast Iron Replacement Phase will install 7,800 feet of new 42-inch welded steel pipe; abandon 1,200 feet of existing pipeline, and replace approximately 3,220 feet of existing 16-inch cast iron pipe with new 16-inch PVC pipe.

The new pipeline will run south along 54th Street, between El Cajon Boulevard and Redwood Street. It will also include a small section of Easy Street.

This project is part of the City's overall water delivery system improvement program implemented to provide a safe and reliable water system for the residents of San Diego. The new pipeline will provide enhanced system reliability through pipeline redundancy, Trojan and Mid City Pipelines and will increase water capacity for the Mid City and Oak Park areas. This pipeline improvement will also reduce future water main breaks and maintenance and emergency response costs to the City.

Construction Schedule

Construction is anticipated to begin in the spring of 2008, and will take approximately two years to complete. The total cost of the project is estimated at \$13 million and will be funded by water rates and revenue bonds.

Additional Information

Additional information about this and other important infrastructure projects can be found online at www.sandiego.gov/engineering-cip, or by calling the public information line at **(619) 533-4679**.

*If you have any questions about this project or the Engineering & Capital Projects Department, please call our Public Information Line at **(619) 533-4679** or visit us online at www.sandiego.gov/engineering-cip.*

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THE CITY OF SAN DIEGO